

RL-721
REV 5

NEPA REVIEW SCREENING FORM

Document ID Number:

DOE/CX-00130

I. Project Title:

Construction for 13.8KV Aerial Power Line Reroute at 100-H

II. Project Description and Location (including Time Period over which proposed action will occur and Project Dimensions - e.g., acres displaced/disturbed, excavation length/depth, area/location/number of buildings, etc.):

This "activity-specific" categorical exclusion addresses work necessary for Mission Support Alliance to reroute an existing 13.8KV aerial power line in the 100-H Area. The power line resides within the planned excavation limits of the 100-H-28:2, 100-H-28:3, and 100-H-28:5 waste sites. Power line rerouting is required to allow Washington Closure Hanford (WCH) to complete field remediation of these waste sites. Approximately 2,000-feet of existing power line will be removed and 2,500-feet of new rerouted power line will be installed. The proposed action includes the following major items:

- * Site prep/mobilization including required safety and temporary facilities/controls and clearing/grading for construction/access roads and equipment installation;
- * Construction of new aerial power line including existing equipment/power line tie-in, pole replacement, guys, anchors, etc., as necessary;
- * Tie-in, testing, de-energizing existing and energizing the new aerial power line;
- * Decommissioning/demolition/removal of existing aerial power line equipment for reuse, recycle, or placement in the WCH 100-H staging area for subsequent disposal by WCH at ERDF;
- * Clear vegetation up to 50-feet on either side of the 13.8KV power line alignment to satisfy construction access and fire protection requirements;
- * Other requirements as specified in WCH Work Order MS3018, "Construction for 13.8KV Aerial Power Line Reroute at 100-H."

Cultural and ecological resource reviews were conducted (Interoffice Memorandum #165850, J. E. Thomson to R.P Harrison, dated June 4, 2012). The majority of the project area consists of gray rabbitbrush, needle-and-thread grass, and cheatgrass. The northeast corner of the site is in close proximity to the Columbia River and is considered a Level IV biological resource area. Disturbances to this area will be avoided/minimized. Barriers will be used to prevent debris from reaching the ordinary high water mark if project activities take place along the edge of the berm above the river. No adverse ecological impacts are anticipated from the proposed action (11-ER-083).

Three cultural resource reviews were conducted (HCRC #2012-100-013, #2011-100-038, and #2011-11-102). The proposed action qualifies as an "unanticipated remedial action or support activity." On May 25, 2012, DOE/RL concurred with a finding of "No Effect to Historic Properties." Although no impacts to cultural resources are anticipated, workers will watch for cultural materials and notify a Cultural Resources Specialist if any are encountered to determine the significance of the find and appropriate corrective actions. A 1,200-foot section of the project in the northeast corner near the Columbia River and the Locke Island Historic District will be monitored intermittently.

The proposed action fits 10 CFR 1021, subpart D, appendix B, categorical exclusion (CX) B4.13, "Upgrading and Rebuilding Existing Power Lines." This CX covers "upgrading or rebuilding approximately 20 miles in length or less of existing electric power lines, which may involve minor relocations of small segments of the power lines."

This is an Activity-Specific CX for a project-specific, non-routine, and non-recurring action. Similar future actions will require separate NEPA review.

III. Reviews (if applicable):

Biological Review Report #: 11-ER-083

Cultural Review Report #: HCRC #2012-100-013, HCRC #2011-100-038, HCRC #2011-11-102

Additional Attachments:

IV. Existing NEPA Documentation	YES	NO
Is the proposed action evaluated in a previous EA, EIS, or under CERCLA?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If "NO," proceed to Section V. If "YES," List EA, EIS, or CERCLA Document(s) Title and Number:
 Not Applicable

And then complete Section VI. Provide electronic copy of Initiator/ECO signed NRSF to DOE NCO for information only. DOE NCO signature is not required.

V. Categorical Exclusion	YES	NO
Does the proposed action fall within a class of actions that is listed in Appendixes A or B to Subpart D of 10 CFR Part 1021?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Are there extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Is the proposal connected to other actions with potentially significant impacts or result in cumulatively significant impacts (not precluded by 40 CFR 1506.1 or 10 CFR 1021.211)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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List CX to be applied and complete Categorical Exclusion Integral Elements (where an action might fit within multiple CXs, use the CX that best fits the proposed action):
 B4.13, "Upgrading and Rebuilding Existing Electrical Power Lines"

Categorical Exclusion Integral Elements	YES	NO
Does the proposed action threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, or health, including DOE and/or Executive Orders?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Does the proposed action require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Does the proposed action disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Does the proposed action adversely affect environmentally sensitive resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Does the proposed action involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species such that the action is NOT contained or confined in a manner designed, operated, and conducted in accordance to applicable requirements to prevent unauthorized release into the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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If "NO" to all Categorical Exclusion Integral Elements questions above, complete Section VI, and provide to DOE NCO for final Approval/Determination and signature in Section VII.
 If "YES" to any of the Categorical Exclusion Integral Elements questions above, contact DOE NCO for additional NEPA Review.

VI. Responsible Contractor Signatures

	Name (Printed)	Signature	Date
Initiator	Jerry W. Cammann, MSA NEPA-SME	<i>J.W. Cammann</i>	1/30/13
Cognizant Environmental Compliance Officer			

VII. Approval/Determination

DOE NEPA Compliance Officer: Cliff [Signature]

Based on my review of information conveyed to me and in my possession (or attached) concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), I have determined that the proposed action fits within the specified class of action:

NCO Determination - CX EA EIS

Signature: [Signature] Date: 2/8/2013